El Paso IT Demo Site Briefing JV conference 2007 WBAMC ELPVAHCS



Computer Systems/Electronic Communication



<u>DoD System</u>: Composite Health Care System I and AHLTA

VA System: Computerized Patient Record System(CPRS) / Veterans Health Information Systems and Technology Architecture (VistA).

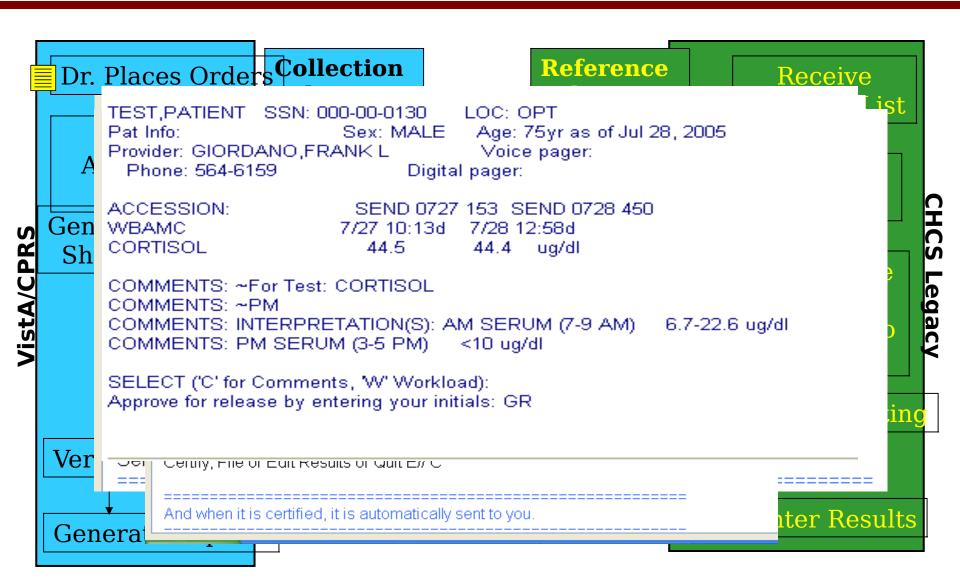
Initiatives:

- Demonstration Site Project
 - LDSI
 - BHIE
 - LDSI (PH III) AP & Micro
 - Radiology Imaging Transfer (Awaiting Approval)
- Scanning Project
- Site to Site
- Clinical/Health Data Repository (C/HDR)



LDSI Data Flow





VA/DOD Digital Imaging (Radiology) Interoperability Project

- Allows all primary care clinicians and all specialty clinicians in the El Paso MHS ambulatory care clinics and on the inpatient wards the ability to view non-diagnostic quality images.
- Allows all primary care clinicians and all specialty clinicians in the El Paso VA ambulatory care clinics the ability to view nondiagnostic quality images.
- What Images will the clinicians be able to view:
 - Clinicians at either a medical facility will be able to view shared patient radiological images (CT, CR, DR Phase I and MRI Phase II).
- The digital Imaging project will use existing BHIE/FHIE technology to provide patient data correlation.
- Ownership of patient images will not be transferred.
- Images will be cached on local servers for speed of retrieval.

Bi-Directional Health Information Exchange (BHIE)

- BHIE components:
 - VA CPRS Remote Data View (Reports Tab)
 - Secured Health Care Alliance Record Exchange (SHARE DoD Application)
- BHIE Phase I allows DoD Healthcare Providers and VA Healthcare Providers access to an interface for viewing and exchanging of Allergy and Prescription data.
- BHIE provides a Simple Objects Access Protocol (SOAP) interface to CHCS that allows the VA to retrieve Allergy and Prescription data on shared patients.
- BHIE provides the SHARE Web Application that can be accessed by DoD Healthcare Providers and will allow the providers to view the following data elements:
 - **Demographics**
 - Allergy
 - Prescriptions
 - Laboratory Results
 - Radiology Studies





LIVE DEMO